



20103067

POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

## I. IDENTIFICATION

01 STATE 02 SITE NUMBER

## II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

John Boyce Garage

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

2613 S. 11th St.

03 CITY

Rockford

04 STATE

05 ZIP CODE

06 COUNTY

IL

61108

Winnebago

07 COUNTY CODE

201

08 CONG DIST

16

09 COORDINATES LATITUDE

421414.0

LONGITUDE

0890414.0

Rockford South Quad

10 DIRECTIONS TO SITE (Starting from nearest public road)

Exit By Pass 20 at 11th St. Proceed north on 11th St. to site.

## III. RESPONSIBLE PARTIES

01 OWNER (If known)

Rockford Cylinder Gas

02 STREET (Business, mailing, residential)

2613 S. 11th St.

03 CITY

Rockford

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

IL

61108

8151398-7837

07 OPERATOR (If known and different from owner)

John Boyce

08 STREET (Business, mailing, residential)

C/o Alloy Plating, 1711 Seminary St.

09 CITY

Rockford

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

IL

61108

8151964-0464

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE☐ D. COUNTY☐ E. MUNICIPAL☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: MONTH DAY YEAR☒ C. NONE

## IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

3/14/84

☐ NO

BY (Check all that apply)

☐ A. EPA☐ B. EPA CONTRACTOR☒ C. STATE☐ D. OTHER CONTRACTOR☒ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☐ A. ACTIVE☒ B. INACTIVE☐ C. UNKNOWN

03 YEARS OF OPERATION

BEGINNING YEAR

ENDING YEAR

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Other Organic Chemicals (Population/Environment) (toxic/persistent)

Heavy Metals (Population/Environment) (toxic/persistent)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Ground water (Population/Environment)

## V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one, if high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☒ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspection on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

## VI. INFORMATION AVAILABLE FROM

01 CONTACT

Robert L. Munger

02 OF (Agency/Organization)

IEPA/DLPC

03 TELEPHONE NUMBER

8151787-7404

04 PERSON RESPONSIBLE FOR ASSESSMENT

Robert L. Munger

05 AGENCY

IEPA

06 ORGANIZATION

DLPC

07 TELEPHONE NUMBER

8151987-7404

08 DATE

5/4/84

MONTH DAY YEAR

EPA FORM 2070-12 (7-81)

US EPA RECORDS CENTER REGION 5



454184





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 140,000

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Hazardous waste was dumped down a dry well located over a sand & gravel aquifer.

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

none

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

none

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

none

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

none

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_ (Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

none

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 140,000

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

The closest well is about 30 ft. from area where hazardous waste was disposed of.

01 ☒ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: 20

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Workers may have been exposed during disposal.

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

none



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PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

none

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

none

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

none

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills, runoff, standing liquids, leaking drums)

02 ☒ OBSERVED (DATE: 3-14-84)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 140,000

04 NARRATIVE DESCRIPTION

Hazardous waste disposed of in a dry well. Sandy soil in the area will provide little to slow down migration of waste.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

Adjoining properties have sand point wells used for water supply.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 3-10-84)

☒ POTENTIAL

☐ ALLEGED

This company has disposed of hazardous waste through sewers in other locations.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 3-14-84)

☐ POTENTIAL

☐ ALLEGED

Waste was shipped to site illegally, and illegally dumped into dry well. Criminal investigation is pending.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 140,000

IV. COMMENTS

The waste disposed of here is believed to have come from Mr. Boyle's Employer:  
Alloy Plating, Inc., 1711 Seminary St., Rockford, IL 61108

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site file IEPA, DLPC Rockford Region



DATE: May 7, 1984

TO: R. A. Wengrow

FROM: R. L. Munger

SUBJECT: 20103067 - Winnebago County  
Rockford/Boyce  
ERRIS Preliminary Assessment, New Site no USEPA ID#

This is a garage which John Boyce leased from Rockford Cylinder Gas supposedly for the purpose of truck maintenance and repair. Reportedly, one of the things Mr. Boyce asked about when arranging to lease the property was whether it had a floor drain. Plating wastes have been disposed of in the floor drain which drains to a dry well.

On March 9, 1984, an employee of Alloy Plating was found in a car wash emptying drums of plating wastes from the back of a truck. Analyses of these wastes found them to be hazardous due to Reactivity, EP toxicity for lead and cadmium and corrosivity. Upon questioning by police, this employee said that he had also dumped waste at this site under the instructions of John Boyce.

On March 14, 1984, representatives of IEPA, the Sanitary District of Rockford and the Department of Criminal Investigation entered the site under a search warrant. Samples were taken in the drain trap and the sludge on the sides of the lateral pipe feeding the dry well. The sludge on the side of the pipe was hazardous due to EP toxicity for lead and cadmium. Using the equipment available it was not possible to sample the dry well itself.

On April 2, 1984, representatives of IEPA and the Illinois Department of Public Health canvassed the area to determine the location of private water supply wells in the area and obtain samples for analysis. In addition to the well on the Rockford Cylinder Gas property, private wells were found at the following locations:

Owen's Plumbing & Heating, Stan Owen, owner  
2603 S. 11th Street

11th Street Barber Shop  
2635 S. 11th Street

Tim & Julie Hammond Residence  
2702 Lapey Street  
(Walt Potter, owner, 2308 10th Street)

Estwing Manufacturing Company  
2647 8th Street

May 7, 1984

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The Sanitary District of Rockford takes samples of the water from the on-site well weekly.

Alloy Plating, Incorporated, the alleged generator of this waste, generates waste acids, and plating wastes containing cyanide and heavy metals. Alloy Plating has been indicted for illegal disposal at other locations, and criminal investigation is pending.

I recommend that this site receive a high priority for inspection by the F.I.T. An unknown amount of hazardous waste has been disposed of in a sand formation used as a water supply. In order to obtain samples from the dry well it will be necessary to remove the concrete slab over the dry well. If possible, monitor wells should be installed to determine extent of contamination.

I have contacted Dennis Porter of the Attorney General's Office to make sure that a F.I.T. inspection will not interfere with the criminal proceedings and what procedures to use to gain access to the site. Access to the site can be arranged through Dennis Hendrickson at Rockford Cylinder Gas. A representative from our office should be present during the inspection.

tl

cc: David Jansen (2)  
Rockford Office (2)

Table 13. Population of Urbanized Areas: 1980 and 1970—Con.

[Counts relate to areas as defined at each census. For meaning of symbols, see Introduction]

## Component Parts

## PEORIA, ILL.—Con.

## Tazewell County (pt.)—Con.

Fondulac township (pt.)	12 512	12 092
East Peoria city (pt.)	11 879	10 550
Peoria Heights village (pt.)	—	—
Graveland township (pt.)	17 996	15 787
Creve Coeur village (pt.)	6 101	5 551
East Peoria city (pt.)	7 712	6 928
Marquette Heights city (pt.)	2 512	1 786
Morton village (pt.)	221	303
Pekin city (pt.)	784	335
Morton township (pt.)	14 615	11 040
Morton village (pt.)	13 953	10 112
Pekin township (pt.)	33 725	33 486
Creve Coeur village (pt.)	750	889
Marquette Heights city (pt.)	874	972
North Pekin village	1 824	1 886
Pekin city (pt.)	29 896	29 126
Tremont township (pt.)	4	4
Morton village (pt.)	4	4
Washington township (pt.)	17 986	14 170
East Peoria city (pt.)	2 794	977
Morton village (pt.)	—	—
Washington city	10 364	6 790
Woodford County (pt.)	—	—
Spring Bay township (pt.)	—	—
Peoria Heights village (pt.)	—	—

## ROCKFORD, ILL.

The area	204 304	206 084
Rockford city	139 712	147 370
Outside central city	64 592	58 714
Winnebago County (pt.)	204 304	206 084
Burrill township (pt.)	—	—
Rockford city (pt.)	—	—
Cherry Valley township (pt.)	9 272	4 247
Cherry Valley village (pt.)	829	942
Rockford city (pt.)	4 148	2 536
Harlem township (pt.)	24 364	19 359
Loves Park city (pt.)	4 339	2 766
North Park (CDP)	15 806	15 679
Rockford city (pt.)	—	—
Owen township (pt.)	749	394
Rockford city (pt.)	133	21
Rockford township (pt.)	169 919	182 084
Cherry Valley village (pt.)	117	10
Loves Park city (pt.)	8 853	9 624
Mornistown village	687	—
Rockford city (pt.)	135 431	144 813

## ROUND LAKE BEACH, ILL.

The area	65 676	—
Round Lake Beach village	12 921	—
Outside central city	52 755	—
Lake County (pt.)	56 962	—
Antioch township (pt.)	4 004	—
Fox Lake village (pt.)	753	—
Grass Lake (CDP) (pt.)	2 066	—
Avon township (pt.)	28 740	—
Grayslake village (pt.)	5 260	—
Hainesville village	187	—
Long Lake (CDP) (pt.)	1 202	—
Round Lake village (pt.)	2 642	—
Round Lake Beach village	12 921	—
Round Lake Heights village	1 192	—
Round Lake Park village (pt.)	3 981	—
Fremont township (pt.)	51	—
Grayslake village (pt.)	—	—
Round Lake Park village (pt.)	51	—
Grant township (pt.)	11 815	—
Fox Lake village (pt.)	5 871	—
Ingliside (CDP)	1 676	—
Long Lake (CDP) (pt.)	999	—
Round Lake village (pt.)	2	—
Lake Villa township (pt.)	12 352	—
Fox Lake Hills (CDP)	2 199	—
Grass Lake (CDP) (pt.)	125	—
Lindenhurst village	6 220	—
Venerian Village (CDP)	2 817	—
McHenry County (pt.)	8 714	—
Burton township (pt.)	207	—
Fox Lake village (pt.)	207	—
McHenry township (pt.)	8 507	—
Pistakee Highlands (CDP)	3 623	—
Sunnyside village	1 432	—

## ST. LOUIS, MO.—ILL.

The area	1 848 590	1 882 944
St. Louis city	453 085	622 236
Outside central city	1 395 505	1 260 708

## Component Parts

## ST. LOUIS, MO.—ILL.—Con.

## That part of the area in Illinois

Madison County (pt.)	298 213	314 476
Chouteau township (pt.)	84 964	89 429
Pontoon Beach village (pt.)	4 229	4 214
Collinsville township (pt.)	23 394	21 233
Collinsville city (pt.)	17 599	17 476
Marionville village	1 937	809
Granite City township	36 815	40 440
Granite City city	36 815	40 440
Nomeeki township (pt.)	11 511	10 870
Collinsville city (pt.)	20	—
Madison city (pt.)	409	577
Pontoon Beach village (pt.)	3 247	2 448
Venice township (pt.)	9 015	12 672
Madison city (pt.)	5 506	6 465
Venice city	3 480	4 680
Monroe County (pt.)	4 372	4 218
Precinct 2	1 027	—
Columbia city (pt.)	1 027	(NA)
Precinct 3	820	—
Columbia city (pt.)	820	(NA)
Precinct 4	1 232	—
Columbia city (pt.)	1 232	(NA)
Precinct 5	1 190	—
Columbia city (pt.)	1 190	(NA)
Precinct 10 (pt.)	103	—
St. Clair County (pt.)	208 877	220 829
Belleville township	41 580	41 699
Belleville city	41 580	41 699
Canteen township (pt.)	15 917	18 855
Caseyville village (pt.)	1 189	632
Fairmont City village	2 313	2 769
Fairview Heights city (pt.)	1 229	—
National City village (pt.)	—	—
Washington Park village	8 223	9 524
Caseyville township (pt.)	21 135	19 884
Caseyville village (pt.)	3 119	2 779
Collinsville city (pt.)	1 994	297
Fairview Heights city (pt.)	11 185	8 625
O'Fallon city (pt.)	2 255	—
Centerville township (pt.)	34 960	39 373
Alorton village	2 237	3 573
Cahokia village	18 904	20 649
Centerville city	9 747	11 378
Sauget village	205	220
East St. Louis township	55 200	69 996
East St. Louis city	55 200	69 996
O'Fallon township (pt.)	10 038	7 470
O'Fallon city (pt.)	9 986	7 268
St. Clair township (pt.)	16 966	12 692
Swansea village	5 347	5 432
Shiloh Valley township (pt.)	1 263	—
Shiloh village	1 045	—
Stites township	1 303	1 826
Brooklyn village	1 233	1 702
National City village (pt.)	70	124
Stookley township (pt.)	5 994	4 852
Sugar Loaf township (pt.)	4 521	4 182
Dupo village	3 039	2 842
That part of the area in Missouri	1 550 377	1 568 468
Jefferson County (pt.)	43 291	—
Meramec township (pt.)	4 020	—
Parkdale town	270	—
Rock township (pt.)	39 271	—
Arnold city	19 141	—
Murphy (CDP)	8 121	—
St. Charles County (pt.)	106 818	34 717
Cave Springs township (pt.)	9 983	—
St. Charles city (pt.)	244	—
St. Peters city (pt.)	2 517	—
Dardenne township (pt.)	5 189	—
O'Fallon city (pt.)	1 303	—
Friedens township (pt.)	13 265	—
St. Charles city (pt.)	—	—
O'Fallon township (pt.)	7 380	—
O'Fallon city (pt.)	7 374	—
St. Peters city (pt.)	—	—
Portage township (pt.)	4 340	—
St. Charles city (pt.)	1 270	—
St. Charles township	36 308	—
St. Charles city (pt.)	35 865	31 834
St. Peters township (pt.)	22 925	—
St. Peters city (pt.)	13 170	—
Weldon Spring township (pt.)	7 428	—
St. Peters city (pt.)	13	—
St. Louis County (pt.)	947 183	911 515
Airport township	42 212	—
Bel-Ridge village (pt.)	546	(NA)
Berkeley city (pt.)	13 893	(NA)
Breckenridge Hills village (pt.)	525	739
Bridgeton city (pt.)	1 208	(NA)
Bridgeton Terrace city	334	332
Coal Valley village (pt.)	690	(NA)
Edmundson village	1 374	1 608
Kinloch city (pt.)	4 138	5 433
St. Ann city (pt.)	12 856	14 742
St. John city (pt.)	1 584	1 756
Schuermann Heights village	234	290
Woodson Terrace city	4 564	5 936



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